

# AI-prediction/ analytics-based safety management

AI predicts types and possibilities of accidents by learning the safety management information by point on site.

AI analyzes various CCTV footage based on the safety management factor and inform the site workers in order to prevent safety accidents.

It is possible to find risks that may happen in the future by analyzing data of the information of inappropriateness in safety and risky work through utilization of NFC and QR codes.

**SAMSUNG SDS**

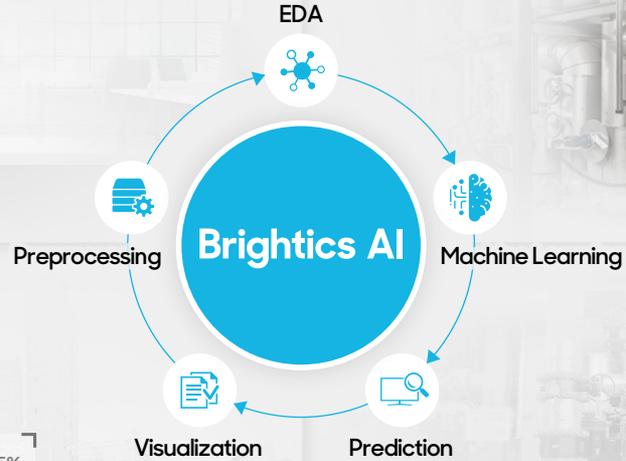
Increase variables of accident causes,  
Temporary/Impulse response

**Predict safety accidents  
based on comprehensive database**



Having bigger fire due to failure  
of early detection of fire

**Find out risks real time and operate alarms  
through CCTV + AI throughout the site**



37%

15%

Lack of decision making capability for safety management, Lack of fundamental measures

**Early detection of risk factors  
from safety management factors**

Impulse/simple response  
to inappropriate cases in safety

**Safety risk analytics based on the  
information of inappropriateness in safety**

